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FILE COVERS 1907 - 22 Jan 2002 VOL 136 ISS 4
 FILE LAST UPDATED: 20 Jan 2002 (20020120/ED)

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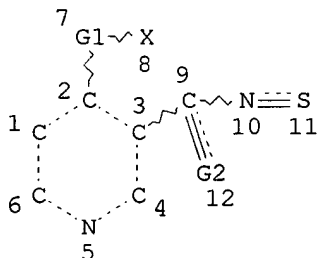
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The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

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=> d.stat que

L1 STR



REP G1=(1-6) C
 VAR G2=O/S
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED

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NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L3 67 SEA FILE=REGISTRY SSS FUL L1
L6 2 SEA FILE=CAPLUS ABB=ON PLU=ON L3

=> d ibib abs hitrn tot

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:713312 CAPLUS

DOCUMENT NUMBER: 135:272885

TITLE: Preparation of pyridinyl acylsulfimides as insecticides, acaricides, and nematocides

INVENTOR(S): Kornuta, Pavel Petrovich; Shermolovich, Yuriy Grigorievich; Doeller, Uwe; Ort, Oswald; Schaper, Wolfgang; Jans, Daniela; Sanft, Ulrich; Thoenessen, Maria-Theresia; Beckmann, Marion; Waibel, Jutta Maria; Pazenok, Sergiy

PATENT ASSIGNEE(S): Aventis Cropscience G.m.b.H., Germany; Kornuta, Nataliya Olexandrivna

SOURCE: PCT Int. Appl., 119 pp.

CODEN: PIXXD2

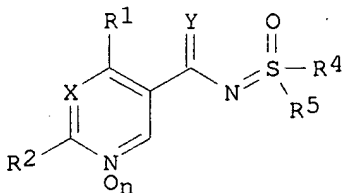
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070692	A2	20010927	WO 2001-EP3083	20010317
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CO, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10014006	A1	20010927	DE 2000-10014006	20000322
PRIORITY APPLN. INFO.:			DE 2000-10014006 A	20000322
			DE 2000-10057911 A	20001121
OTHER SOURCE(S):			MARPAT 135:272885	
GI				



I

AB Title compds. [I; X = CH, N; Y = O, S; m, n = 0, 1; R1 = haloalkyl; R2, R3 = H, halo, (O-, S-, N-interrupted) (substituted) alkyl; R4, R5 = R6, CWR7, C(:NOR7)R7, C(:NNR72)R7, C(:W)OR7, etc.; R6 = alkyl alkenyl, alkynyl, cycloalkyl, cycloalkenyl, etc.; R7 = H, R6; W = O, S; R4R5 = (substituted) heterocyclyl], were prepd. Thus, N-(2,4,6-trimethylbenzenesulfonyl)methyl thien-3-ylsulfimide and 4-trifluoromethylnicotinyl chloride in CH2Cl2 were dropwise treated with Et3N in CH2Cl2 followed by stirring at room temp.

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for 1.5 days to give 81.6% I (R1 = CF3; R2, R3 = H; R4 = Me; R5 = thien-3-yl; X = CH; Y = O; m, n = 0). Tested I gave 90-100% kill of aphids on vicia faba.

IT 326873-12-5P 362724-12-7P 362724-14-9P
 362724-15-0P 362724-17-2P 362724-18-3P
 362724-19-4P 362724-20-7P 362724-21-8P
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 362724-77-4P 362724-78-5P 362724-79-6P
 362724-80-9P 362724-81-0P 362724-82-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyridinyl acylsulfimides as insecticides, acaricides, and nematocides)

IT 362724-10-5P 362724-11-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. of pyridinyl acylsulfimides as insecticides, acaricides, and nematocides)

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:605212 CAPLUS

DOCUMENT NUMBER: 121:205212

TITLE: Preparation of nicotinamides as pesticides

INVENTOR(S): Toki, Tadaaki; Koyanagi, Toru; Morita, Masayuki; Yoneda, Tetsuo; Kagimoto, Chiharu; Okada, Hiroshi

PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan

SOURCE: Eur. Pat. Appl., 39 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

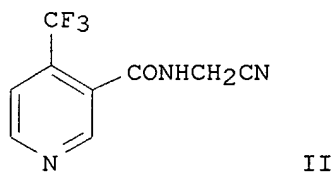
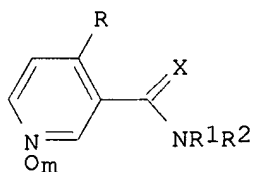
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 580374	A1	19940126	EP 1993-305622	19930716
EP 580374	B1	19960103		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 06321903	A2	19941122	JP 1993-214766	19930630
JP 2994182	B2	19991227		
CA 2100011	AA	19940124	CA 1993-2100011	19930707
CA 2100011	C	19980203		
ZA 9305042	A	19940405	ZA 1993-5042	19930713
IL 106340	A1	19990312	IL 1993-106340	19930714
AT 132489	E	19960115	AT 1993-305622	19930716
ES 2085118	T3	19960516	ES 1993-305622	19930716
AU 9342106	A1	19940203	AU 1993-42106	19930721
AU 657056	B2	19950223		
BR 9302960	A	19940216	BR 1993-2960	19930722

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RU 2083562	C1	19970710	RU 1993-50289	19930722
PL 173611	B1	19980430	PL 1993-299769	19930722
CN 1081670	A	19940209	CN 1993-109092	19930723
CN 1044233	B	19990721		
US 5360806	A	19941101	US 1993-95192	19930723
HU 68334	A2	19950628	HU 1993-2144	19930723
HU 214279	B	19980302		
CZ 286147	B6	20000112	CZ 1993-1502	19930723
PRIORITY APPLN. INFO.:			JP 1992-238804	A 19920723
			JP 1993-57668	A 19930205
			JP 1993-96428	A 19930317
OTHER SOURCE(S):			MARPAT 121:205212	
GI				



AB Title compds. [I; R = halomethyl; R1,R2 = H, (cyclo)alkyl, alkenyl, alkylsulfonyl, etc.; NR1R2 = heterocyclyl; X = O or S; m = 0 or 1] were prepd. Thus, 4-trifluoromethylpyridine-3-carboxylic acid was amidated by H2NCH2CN to give title compd. II which gave complete control of Myzus persicae larvae on eggplant leaf dipped in an 800ppm soln.

IT **158063-57-1P 158063-60-6P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as pesticide)

=> file caold

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> s l3

L7 0 L3

=> file reg

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STRUCTURE FILE UPDATES: 19 JAN 2002 HIGHEST RN 384793-11-7
DICTIONARY FILE UPDATES: 19 JAN 2002 HIGHEST RN 384793-11-7

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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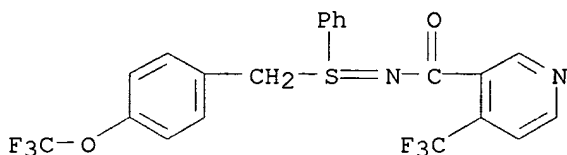
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67	RN	158063-57-1	REGISTRY

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L3 ANSWER 1 OF 67 REGISTRY COPYRIGHT 2002 ACS
 RN 362724-82-1 REGISTRY
 CN Sulfilimine, S-phenyl-S-[[4-(trifluoromethoxy)phenyl]methyl]-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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 MF C21 H14 F6 N2 O2 S
 SR CA
 LC STN Files: CA, CAPLUS

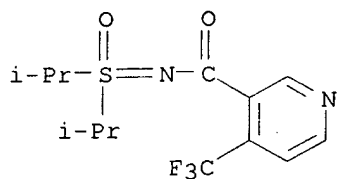


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 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 5 OF 67 REGISTRY COPYRIGHT 2002 ACS
 RN 362724-78-5 REGISTRY
 CN Sulfoximine, S,S-bis(1-methylethyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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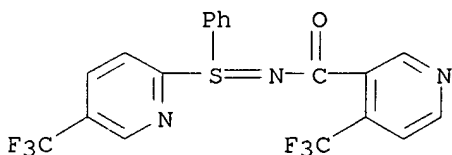


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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 10 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-69-4 REGISTRY
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SR CA
LC STN Files: CA, CAPLUS

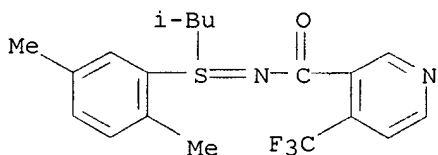


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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 15 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-63-8 REGISTRY
CN Sulfilimine, S-(2,5-dimethylphenyl)-S-(2-methylpropyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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MF C19 H21 F3 N2 O S
SR CA
LC STN Files: CA, CAPLUS



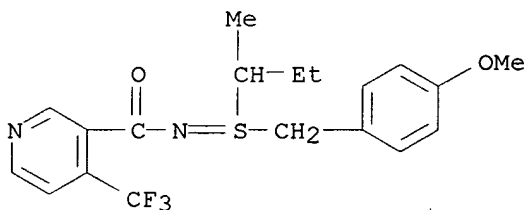
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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 20 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-58-1 REGISTRY
CN Sulfilimine, S-[(4-methoxyphenyl)methyl]-S-(1-methylpropyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS

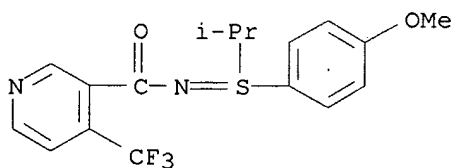


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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 25 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-53-6 REGISTRY
CN Sulfilimine, S-(4-methoxyphenyl)-S-(1-methylethyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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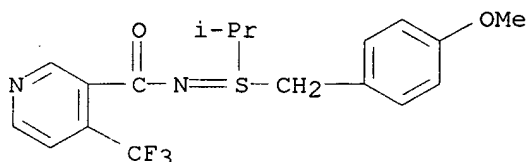
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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 30 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-48-9 REGISTRY
CN Sulfilimine, S-[(4-methoxyphenyl)methyl]-S-(1-methylethyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
Searched by Edward Hart 305-9203

FS 3D CONCORD
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 SR CA
 LC STN Files: CA, CAPLUS

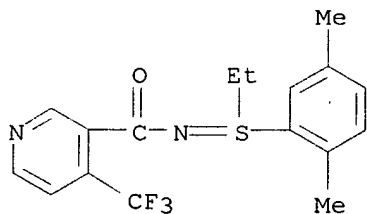


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REFERENCE 1: 135:272885

L3 ANSWER 35 OF 67 REGISTRY COPYRIGHT 2002 ACS
 RN 362724-43-4 REGISTRY
 CN Sulfilimine, S-(2,5-dimethylphenyl)-S-ethyl-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C17 H17 F3 N2 O S
 SR CA
 LC STN Files: CA, CAPLUS

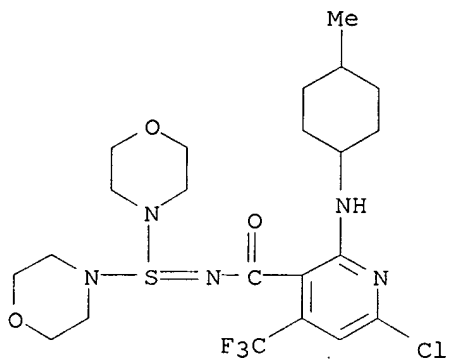


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REFERENCE 1: 135:272885

L3 ANSWER 40 OF 67 REGISTRY COPYRIGHT 2002 ACS
 RN 362724-38-7 REGISTRY
 CN Morpholine, 4,4'-[[[6-chloro-2-[(4-methylcyclohexyl)amino]-4-(trifluoromethyl)-3-pyridinyl]carbonyl]sulfinimidoyl]bis- (9CI) (CA INDEX NAME)
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 LC STN Files: CA, CAPLUS

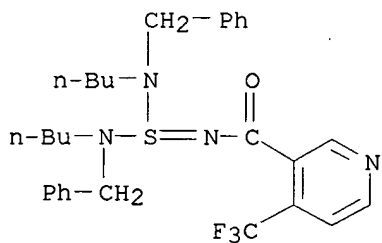


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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 45 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-31-0 REGISTRY
CN Imidosulfurous diamide, N,N'-dibutyl-N,N'-bis(phenylmethyl)-N''-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
MF C29 H35 F3 N4 O S
SR CA
LC STN Files: CA, CAPLUS

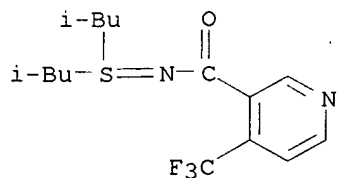


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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 50 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-26-3 REGISTRY
CN Sulfilimine, S,S-bis(2-methylpropyl)-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS

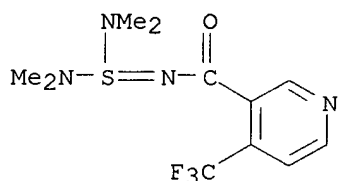


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 55 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-21-8 REGISTRY
CN Imidosulfurous diamide, N,N,N',N'-tetramethyl-N''-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)
MF C11 H15 F3 N4 O S
SR CA
LC STN Files: CA, CAPLUS

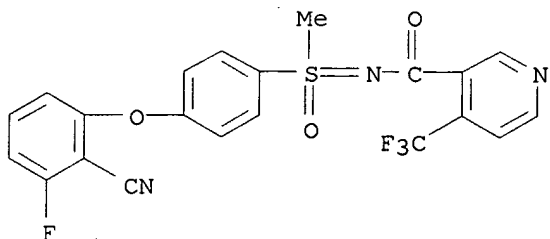


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 60 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 362724-15-0 REGISTRY
CN Benzonitrile, 2-fluoro-6-[4-[S-methyl-N-[[4-(trifluoromethyl)-3-pyridinyl]carbonyl]sulfonimidoyl]phenoxy]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H13 F4 N3 O3 S
SR CA
LC STN Files: CA, CAPLUS

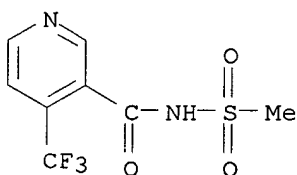


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:272885

L3 ANSWER 67 OF 67 REGISTRY COPYRIGHT 2002 ACS
RN 158063-57-1 REGISTRY
CN 3-Pyridinecarboxamide, N-(methylsulfonyl)-4-(trifluoromethyl)- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C8 H7 F3 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 121:205212